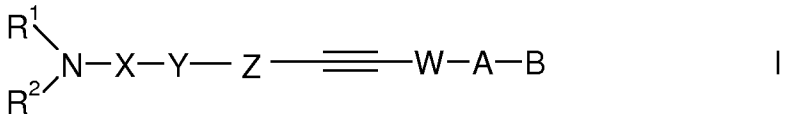
This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 – 21 (Canceled)

Claim 22 (New) An alkyne compound of formula I:



I

wherein

R^1 and R^2 together form an alkylene bridge in such a way that R^1R^2N- denotes a pyrrolidine group, wherein one or more H atoms are optionally replaced by R^{14}, and the alkylene bridge is optionally substituted by one or two identical or different carbo- or heterocyclic groups Cy in such a way that the bond between the alkylene bridge and the group Cy is formed

- via a single or double bond,
- via a common C atom forming a spirocyclic ring system,
- via two common, adjacent C and/or N atoms forming a fused bicyclic ring system or
- via three or more C and/or N atoms forming a bridged ring system,

X is a single bond or a C_{1-6}-alkylene bridge wherein

- a $-CH_2-$ group is optionally replaced by -CH=CH- or -C≡C- and/or
- one or two $-CH_2-$ groups are optionally replaced, independently of one another, by -O-, -S-, -(SO)-, $-(SO_2)-$, -CO- or $-NR^4-$ in such a way that in each case two O, S or N atoms or an O and an S atom are not directly connected to one another, and/or

- two C atoms or one C and one N atom of the alkylene bridge are optionally joined together by an additional C_{1-4}-alkylene bridge, and/or
- a C atom is optionally substituted by R^{10} and/or one or two C atoms in each case are optionally substituted with one or two identical or different substituents selected from C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, C_{3-7}-cycloalkyl, C_{3-7}-cycloalkyl-C_{1-3}-alkyl, C_{4-7}-cycloalkenyl and C_{4-7}-cycloalkenyl-C_{1-3}-alkyl, while two alkyl and/or alkenyl substituents are optionally joined together, forming a carbocyclic ring system,

and

W, Z independently of one another, are a single bond or a C_{1-4}-alkylene bridge, wherein:
a $-CH_2-$ group not adjacent to the -C≡C- group is optionally replaced by -O- or $-NR^5-$,
two adjacent C atoms or one C atom and an adjacent N atom are optionally joined together by an additional C_{1-4}-alkylene bridge, and/or
in the alkylene bridge and/or in the additional alkylene bridge a C atom is optionally substituted by R^{10} and/or one or two C atoms independently of one another are optionally substituted by one or two identical or different C_{1-6}-alkyl groups, while two alkyl groups are optionally joined together, forming a carbocyclic ring, and

Y is a phenyl ring which is optionally mono- or polysubstituted with R^{20}, and optionally additionally monosubstituted with nitro,

A is a pyridine ring which is optionally mono- or polysubstituted with R^{20}, and

B has one of the meanings given for Cy or is C_{1-6}-alkyl, C_{1-6}-alkenyl, C_{1-6}-alkynyl, C_{3-7}-cycloalkyl-C_{1-3}-alkyl, C_{3-7}-cycloalkenyl-C_{1-3}-alkyl, C_{3-7}-cycloalkyl-C_{1-3}-alkenyl or C_{3-7}-cycloalkyl-C_{1-3}-alkynyl, wherein one or more C atoms are optionally mono- or polysubstituted by halogen and/or optionally monosubstituted by hydroxy or

cyano and/or cyclic groups are optionally mono- or polysubstituted by R^{20},

wherein

Cy denotes a carbo- or heterocyclic group selected from one of the following:

- a saturated 3- to 7-membered carbocyclic group,
- an unsaturated 4- to 7-membered carbocyclic group,
- a phenyl group,
- a saturated 4- to 7-membered or unsaturated 5- to 7-membered heterocyclic group with an N, O or S atom as heteroatom,
- a saturated or unsaturated 5- to 7-membered heterocyclic group with two or more N atoms or with one or two N atoms and an O or S atom as heteroatoms,
- an aromatic heterocyclic 5- or 6-membered group with one or more identical or different heteroatoms selected from N, O and/or S,

wherein the above-mentioned 4-, 5-, 6- or 7-membered groups are optionally attached via two common, adjacent C atoms fused to a phenyl or pyridine ring, and

wherein, in the above-mentioned 5-, 6- or 7-membered groups, one or two non-adjacent $-CH_2-$ groups are optionally replaced, independently of one another, by a -CO-, $-C(=CH_2)-$, -(SO)- or $-(SO_2)-$ group, and

wherein the above-mentioned saturated 6- or 7-membered groups are optionally present as bridged ring systems with an imino, (C_{1-4}-alkyl)-imino, methylene, (C_{1-4}-alkyl)-methylene or di-(C_{1-4}-alkyl)-methylene bridge, and

wherein the above-mentioned cyclic groups are optionally mono- or polysubstituted at one or more C atoms with R^{20}, and, in the case of a phenyl group, they are optionally additionally monosubstituted with nitro, and/or one or more NH groups are optionally substituted with R^{21},

R^4, R^5 independently of one another have one of the meanings given for R^{17},

R^{10} denotes hydroxy, ω-hydroxy-C_{1-3}-alkyl, C_{1-4}-alkoxy, ω-(C_{1-4}-alkoxy)-C_{1-3}-alkyl, carboxy, C_{1-4}-alkoxycarbonyl, amino, C_{1-4}-alkyl-amino, di-(C_{1-4}-alkyl)-amino,

cyclo-C_{3-6}-alkyleneimino, amino-C_{1-3}-alkyl, C_{1-4}-alkyl-amino-C_{1-3}-alkyl, di-(C_{1-4}-alkyl)-amino-C_{1-3}-alkyl, cyclo-C_{3-6}-alkyleneimino-C_{1-3}-alkyl, amino-C_{2-3}-alkoxy, C_{1-4}-alkyl-amino-C_{2-3}-alkoxy, di-(C_{1-4}-alkyl)-amino-C_{2-3}-alkoxy, cyclo-C_{3-6}-alkyleneimino-C_{2-3}-alkoxy, aminocarbonyl, C_{1-4}-alkyl-aminocarbonyl, di-(C_{1-4}-alkyl)-aminocarbonyl, or cyclo-C_{3-6}-alkyleneimino-carbonyl,

R^{14} denotes halogen, C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, R^{15}-O, R^{15}-O-CO, R^{15}-CO, R^{15}-CO-O, $R^{16}R^{17}N$, $R^{18}R^{19}N$-CO, R^{15}-O-C_{1-3}-alkyl , R^{15}-O-CO-C_{1-3}-alkyl, R^{15}-O-CO-NH, R^{15}-SO_2-NH, R^{15}-O-CO-NH-C_{1-3}-alkyl, R^{15}-SO_2-NH-C_{1-3}-alkyl, R^{15}-CO-C_{1-3}-alkyl, R^{15}-CO-O-C_{1-3}-alkyl, $R^{16}R^{17}N$-C_{1-3}-alkyl, $R^{18}R^{19}N$-CO-C_{1-3}-alkyl or Cy-C_{1-3}-alkyl,

R^{15} denotes H, C_{1-4}-alkyl, C_{3-7}-cycloalkyl, C_{3-7}-cycloalkyl-C_{1-3}-alkyl, phenyl, phenyl-C_{1-3}-alkyl, pyridinyl or pyridinyl-C_{1-3}-alkyl,

R^{16} denotes H, C_{1-6}-alkyl, C_{3-7}-cycloalkyl, C_{3-7}-cycloalkyl-C_{1-3}-alkyl, C_{4-7}-cycloalkenyl, C_{4-7}-cycloalkenyl-C_{1-3}-alkyl, ω-hydroxy-C_{2-3}-alkyl, ω-(C_{1-4}-alkoxy)-C_{2-3}-alkyl, amino-C_{2-6}-alkyl, C_{1-4}-alkyl-amino-C_{2-6}-alkyl, di-(C_{1-4}-alkyl)-amino-C_{2-6}-alkyl or cyclo-C_{3-6}-alkyleneimino-C_{2-6}-alkyl,

R^{17} has one of the meanings given for R^{16} or denotes phenyl, phenyl-C_{1-3}-alkyl, pyridinyl, dioxolan-2-yl, -CHO, C_{1-4}-alkylcarbonyl, carboxy, hydroxycarbonyl-C_{1-3}-alkyl, C_{1-4}-alkoxycarbonyl, C_{1-4}-alkoxycarbonyl-C_{1-3}-alkyl, C_{1-4}-alkylcarbonylamino-C_{2-3}-alkyl, N-(C_{1-4}-alkylcarbonyl)-N-(C_{1-4}-alkyl)-amino-C_{2-3}-alkyl, C_{1-4}-alkylsulphonyl, C_{1-4}-alkylsulphonylamino-C_{2-3}-alkyl or N-(C_{1-4}-alkylsulphonyl)-N-(C_{1-4}-alkyl)-amino-C_{2-3}-alkyl,

R^{18}, R^{19} independently of one another are H or C_{1-6}-alkyl,

R^{20} is halogen, hydroxy, cyano, C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, C_{3-7}-cycloalkyl, C_{3-7}-cycloalkyl- C_{1-3}-alkyl, hydroxy-C_{1-3}-alkyl, R^{22}-C_{1-3}-alkyl or has one of the

meanings given for R^{22},

R^{21} is C_{1-4}-alkyl, ω-hydroxy-C_{2-6}-alkyl, ω-C_{1-4}-alkoxy-C_{2-6}-alkyl, ω-C_{1-4}-alkyl-amino-C_{2-6}-alkyl, ω-di-(C_{1-4}-alkyl)-amino-C_{2-6}-alkyl, ω-cyclo-C_{3-6}-alkyleneimino-C_{2-6}-alkyl, phenyl, phenyl-C_{1-3}-alkyl, C_{1-4}-alkyl-carbonyl, C_{1-4}-alkoxy-carbonyl, C_{1-4}-alkylsulphonyl, phenylcarbonyl or phenyl-C_{1-3}-alkyl-carbonyl, and

R^{22} is pyridinyl, phenyl, phenyl-C_{1-3}-alkoxy, OHC, HO-N=HC, C_{1-4}-alkoxy-N=HC, C_{1-4}-alkoxy, C_{1-4}-alkylthio, carboxy, C_{1-4}-alkylcarbonyl, C_{1-4}-alkoxycarbonyl, aminocarbonyl, C_{1-4}-alkylaminocarbonyl, di-(C_{1-4}-alkyl)-aminocarbonyl, cyclo-C_{3-6}-alkyl-amino-carbonyl, cyclo-C_{3-6}-alkyleneimino-carbonyl, cyclo-C_{3-6}-alkyleneimino-C_{2-4}-alkyl-aminocarbonyl, C_{1-4}-alkyl-sulphonyl, C_{1-4}-alkyl-sulphinyl, C_{1-4}-alkyl-sulphonylamino, amino, C_{1-4}-alkylamino, di-(C_{1-4}-alkyl)-amino, C_{1-4}-alkyl-carbonyl-amino, cyclo-C_{3-6}-alkyleneimino, phenyl-C_{1-3}-alkylamino, N-(C_{1-4}-alkyl)-phenyl-C_{1-3}-alkylamino, acetylamino, propionylamino, phenylcarbonyl, phenylcarbonylamino, phenylcarbonylmethylamino, hydroxy-C_{2-3}-alkylaminocarbonyl, (4-morpholinyl)carbonyl, (1-pyrrolidinyl)carbonyl, (1-piperidinyl)carbonyl, (hexahydro-1-azepinyl)carbonyl, (4-methyl-1-piperazinyl)carbonyl, methylenedioxy, or aminocarbonylamino,

while in the above-mentioned groups W, X, Z, R^1 to R^5 and R^{10} and R^{14} to R^{22} one or more C atoms are optionally additionally mono- or polysubstituted by F and/or one or two C atoms, independently of one another, are optionally additionally monosubstituted by Cl or Br and/or one or more phenyl rings, independently of one another, optionally additionally have one, two or three substituents selected from among F, Cl, Br, I, cyano, C_{1-4}-alkyl, C_{1-4}-alkoxy, difluoromethyl, trifluoromethyl, hydroxy, amino, C_{1-3}-alkylamino, di-(C_{1-3}-alkyl)-amino, acetylamino, aminocarbonyl, difluoromethoxy, trifluoromethoxy, amino-C_{1-3}-alkyl, C_{1-3}-alkylamino-C_{1-3}-alkyl- and di-(C_{1-3}-alkyl)-amino-C_{1-3}-alkyl- and/or are optionally monosubstituted by nitro,

or a tautomer, a diastereomer, an enantiomer, a mixture thereof or a salt thereof.

Claim 23 **(New)** An alkyne compound according to claim 22, wherein:

X is a single bond or a C_{1-6}-alkylene bridge, wherein

- a $-CH_2-$ group is optionally replaced by -CH=CH- or -C≡C- and/or
- one or two $-CH_2-$ groups independently of one another are optionally replaced by -O-, -S-, -(SO)-, $-(SO_2)-$, -CO- or $-NR^4-$ in such a way that two O, S or N atoms or an O and an S atom are not directly joined together,
- two C atoms or one C and one N atom of the alkylene bridge are optionally joined together by an additional C_{1-4}-alkylene bridge, and/or
- a C atom is optionally substituted by R^{10} and/or one or two C atoms in each case are optionally substituted with one or two identical or different C_{1-6}-alkyl groups,

W, Z independently of one another are a single bond or a C_{1-4}-alkylene bridge, wherein

a $-CH_2-$ group not adjacent to the -C≡C- group is optionally replaced by -O- or $-NR^5-$,

two adjacent C atoms or a C atom and an adjacent N atom are optionally joined together by an additional C_{1-4}-alkylene bridge, and/or

in the alkylene bridge and/or in the additional alkylene bridge a C atom is optionally substituted by R^{10} and/or one or two C atoms independently of one another are optionally substituted by one or two identical or different C_{1-6}-alkyl groups, and

B has one of the meanings given for Cy or denotes C_{1-6}-alkyl, C_{1-6}-alkenyl, C_{1-6}-alkynyl, C_{3-7}-cycloalkyl-C_{1-3}-alkyl, C_{3-7}-cycloalkenyl-C_{1-3}-alkyl, C_{3-7}-cycloalkyl-C_{1-3}-alkenyl or C_{3-7}-cycloalkyl-C_{1-3}-alkynyl, wherein one or more C atoms are optionally mono- or polysubstituted by fluorine and cyclic groups are optionally mono- or polysubstituted by R^{20},

wherein

R^{10} is hydroxy, ω-hydroxy-C_{1-3}-alkyl, C_{1-4}-alkoxy, ω-(C_{1-4}-alkoxy)-C_{1-3}-alkyl, amino, C_{1-4}-alkyl-amino, di-(C_{1-4}-alkyl)-amino, cyclo-C_{3-6}-alkyleneimino, amino-C_{1-3}-alkyl, C_{1-4}-alkyl-amino-C_{1-3}-alkyl, di-(C_{1-4}-alkyl)-amino-C_{1-3}-alkyl, cyclo-C_{3-6}-alkyleneimino-C_{1-3}-alkyl, amino-C_{2-3}-alkoxy, C_{1-4}-alkyl-amino-C_{2-3}-alkoxy, di-(C_{1-4}-alkyl)-amino-C_{2-3}-alkoxy or cyclo-C_{3-6}-alkyleneimino-C_{2-3}-alkoxy,

R^{14} is halogen, C_{1-6}-alkyl, R^{15}-O, R^{15}-O-CO, R^{15}-CO, R^{15}-CO-O, $R^{16}R^{17}N$, $R^{18}R^{19}N$-CO, R^{15}-O-C_{1-3}-alkyl , R^{15}-O-CO-C_{1-3}-alkyl, R^{15}-CO-C_{1-3}-alkyl, R^{15}-CO-O-C_{1-3}-alkyl, $R^{16}R^{17}N$-C_{1-3}-alkyl, $R^{18}R^{19}N$-CO-C_{1-3}-alkyl or Cy-C_{1-3}-alkyl,

R^{15} is H, C_{1-4}-alkyl, C_{3-7}-cycloalkyl, C_{3-7}-cycloalkyl-C_{1-3}-alkyl, phenyl or phenyl-C_{1-3}-alkyl,

R^{17} has one of the meanings given for R^{16} or is phenyl, phenyl-C_{1-3}-alkyl, C_{1-4}-alkylcarbonyl, hydroxycarbonyl-C_{1-3}-alkyl, C_{1-4}-alkylcarbonylamino-C_{2-3}-alkyl, N-(C_{1-4}-alkylcarbonyl)-N-(C_{1-4}-alkyl)-amino-C_{2-3}-alkyl, C_{1-4}-alkylsulphonyl, C_{1-4}-alkylsulphonylamino-C_{2-3}-alkyl or N-(C_{1-4}-alkylsulphonyl)-N(-C_{1-4}-alkyl)-amino-C_{2-3}-alkyl,

R^{20} is halogen, hydroxy, cyano, C_{1-6}-alkyl, C_{3-7}-cycloalkyl, C_{3-7}-cycloalkyl- C_{1-3}-alkyl, hydroxy-C_{1-3}-alkyl, R^{22}-C_{1-3}-alkyl or has one of the meanings given for R^{22}, and

R^{22} is phenyl, phenyl-C_{1-3}-alkoxy, C_{1-4}-alkoxy, C_{1-4}-alkylthio, carboxy, C_{1-4}-alkylcarbonyl, C_{1-4}-alkoxycarbonyl, aminocarbonyl, C_{1-4}-alkylaminocarbonyl, di-(C_{1-4}-alkyl)-aminocarbonyl, cyclo-C_{3-6}-alkyleneimino-carbonyl, C_{1-4}-alkyl-sulphonyl, C_{1-4}-alkyl-sulphinyl, C_{1-4}-alkyl-sulphonylamino, amino, C_{1-4}-alkylamino, di-(C_{1-4}-alkyl)-amino, cyclo-C_{3-6}-alkyleneimino, phenyl-C_{1-3}-alkylamino, N-(C_{1-4}-alkyl)-phenyl-C_{1-3}-alkylamino, acetylamino,

propionylamino, phenylcarbonyl, phenylcarbonylamino, phenylcarbonylmethylamino, hydroxyalkylaminocarbonyl, (4-morpholinyl)carbonyl, (1-pyrrolidinyl)carbonyl, (1-piperidinyl)carbonyl, (hexahydro-1-azepinyl)carbonyl, (4-methyl-1-piperazinyl)carbonyl, methylenedioxy, aminocarbonylamino or alkylaminocarbonylamino.

Claim 24 **(New)** An alkyne compound according to claim 22, wherein X is $-CH_2-$, $-CH_2-CH_2-$ or $-CH_2-CH_2-CH_2-$ and

when Y is bonded to X via a C atom, X may also be $-CH_2-C\equiv C-$, $-CH_2-CH_2-O-$, $-CH_2-CH_2-NR^4-$ or 1,3-pyrrolidinylene, where the pyrrolidinylene group is linked to Y via the imino group, and

wherein, in X, a C atom is optionally substituted by R^{10}, and/or
one or two C atoms in each case are optionally substituted by one or two identical or different substituents selected from C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, C_{3-7}-cycloalkyl, C_{3-7}-cycloalkyl-C_{1-3}-alkyl, C_{4-7}-cycloalkenyl and C_{4-7}-cycloalkenyl-C_{1-3}-alkyl, wherein two alkyl and/or alkenyl substituents are optionally joined together forming a carbocyclic ring system, and, additionally

wherein one or more C atoms are optionally mono- or polysubstituted by F and/or in each case one or two C atoms independently of one another are optionally monosubstituted by Cl or Br.

Claim 25 **(New)** An alkyne compound according to claim 22, wherein W and/or Z, independently of one another are a single bond, $-CH_2-$, $-CH_2-CH_2-$, $-CH_2-CH_2-CH_2-$ or cyclopropylene,

W is additionally selected from $-CH_2-O-$, $-CH_2-CH_2-O-$, $-CH_2-NR^4-$ or $-CH_2-CH_2-NR^4-$ and

Z is additionally selected from $-O-CH_2-$, $-O-CH_2-CH_2-$, $-NR^4-CH_2-$ or $-NR^4-CH_2-CH_2-$,

wherein a C atom is optionally substituted by R^{10}, and/or one or two C atoms independently of one another are each optionally substituted by one or two identical or different C_{1-4}-alkyl groups, and

one or more C atoms are optionally mono- or polysubstituted by F and/or one or two C atoms are optionally monosubstituted independently of one another by Cl or Br.

Claim 26 **(New)** An alkyne compound according to claim 22, wherein W and/or Z independently of one another are a single bond or are selected from $-CH_2-$, $-CH_2-CH_2-$, $-CH_2-CH(CH_3)-$, $-CH_2-C(CH_3)_2-$, $-CH(CH_3)-CH_2-$, $-C(CH_3)_2-CH_2-$, cyclopropylene, $-CH_2-CH(R^{10})-$, and $-CH(R^{10})-CH_2-$,

W is additionally selected from $-CH_2-O-$ or $-CH_2-NR^4-$ and

Z is additionally selected from $-O-CH_2-$ or $-NR^4-CH_2-$,

wherein one or more C atoms are optionally mono- or polysubstituted by F and/or one or two C atoms are optionally monosubstituted independently of one another by Cl or Br.

Claim 27 **(New)** An alkyne compound according to claim 22, wherein B is phenyl, thienyl, furanyl, C_{1-6}-alkyl, C_{1-6}-alkenyl, C_{1-6}-alkynyl, C_{3-7}-cycloalkyl-C_{1-3}-alkyl, C_{3-7}-cycloalkenyl-C_{1-3}-alkyl, C_{3-7}-cycloalkyl-C_{1-3}-alkenyl, C_{3-7}-cycloalkyl-C_{1-3}-alkynyl, wherein one or more C atoms are optionally mono- or polysubstituted by fluorine, and the above-mentioned cyclic groups are optionally mono- or polysubstituted by R^{20} at one or more C atoms, and in the case of a phenyl group is additionally optionally monosubstituted by nitro.

Claim 28 **(New)** An alkyne compound according to claim 22, wherein

R^{20} are independently F, Cl, Br, I, OH, cyano, methyl, difluoromethyl, trifluoromethyl, ethyl, n-propyl, iso-propyl, methoxy, difluoromethoxy,

trifluoromethoxy, ethoxy, n-propoxy or iso-propoxy.

Claim 29 (New) An alkyne compound according to claim 22 selected from the following:

(1) [(R)-1-(2-{4-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-phenoxy}-ethyl)-pyrrolidin-2-yl]-methanol

(2) N-{4-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-phenyl}-2-pyrrolidin-1-yl-propionamide

(3) 5-(4-bromo-phenyl)-2-[4-(4-pyrrolidin-1-ylmethyl-phenyl)-but-1-ynyl]-pyridine

(4) 5-(4-chloro-phenyl)-2-{4-[4-((S)-2-methoxymethyl-pyrrolidin-1-ylmethyl)-phenyl]-but-1-ynyl}-pyridine

(5) 5-(4-chloro-phenyl)-2-{4-[4-(2-methyl-pyrrolidin-1-ylmethyl)-phenyl]-but-1-ynyl}-pyridine

(6) 5-(4-chloro-phenyl)-2-[4-(4-pyrrolidin-1-ylmethyl-phenyl)-but-1-ynyl]-pyridine

(7) 5-(4-chloro-phenyl)-2-{4-[2-(2,6-dimethyl-piperidin-1-yl)-ethoxy]-3-methyl-phenylethynyl}-pyridine

(8) methyl 5-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-2-(2-pyrrolidin-1-yl-ethoxy)-benzoate

(9) 5-(4-chloro-phenyl)-2-[3-methyl-4-(2-pyrrolidin-1-yl-ethoxy)-phenylethynyl]-pyridine

(10) 5-(4-chloro-phenyl)-2-[3-(4-pyrrolidin-1-ylmethyl-phenoxy)-prop-1-ynyl]-pyridine

(11) [(S)-1-(2-{4-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-2-methyl-phenoxy}-ethyl)-pyrrolidin-2-yl]-methanol

(12) 5-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-2-(2-pyrrolidin-1-yl-ethoxy)-phenylamine

(13) 1-(4-{4-[5-(4-chloro-phenyl)-pyridin-2-yl]-but-3-ynyl}-benzyl)-pyrrolidin-3-ylamine

(14) 2-[3-bromo-4-(2-pyrrolidin-1-yl-ethoxy)-phenylethynyl]-5-(4-chloro-phenyl)-pyridine

(15) 5-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-N-methyl-2-(2-pyrrolidin-1-yl-ethoxy)-benzamide

(16) {4-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-phenyl}-(2-pyrrolidin-1-yl-ethyl)-amine

(17) {5-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-pyridin-2-yl}-methyl-(2-pyrrolidin-1-yl-ethyl)-amine

(18) tert-butyl [1-(2-{4-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-phenoxy}-ethyl)-pyrrolidin-3-yl]-carbaminate

(19) 5-(4-chloro-phenyl)-2-[3-methoxy-4-(2-pyrrolidin-1-yl-ethoxy)-phenylethynyl]-pyridine

(20) 5-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-2-(2-pyrrolidin-1-yl-ethoxy)-benzaldehyde O-methyl-oxime

(21) 1'-{5-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-pyridin-2-yl}-[1,3']bipyrrolidinyl

(22) 5-(4-chloro-phenyl)-2-[3-chloro-4-(2-pyrrolidin-1-yl-ethoxy)-phenylethynyl]-pyridine

(23) (S)-1-(2-{4-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-2-methyl-phenoxy}-ethyl)-pyrrolidin-3-ol

(24) [1-(2-{4-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-2-methyl-phenoxy}-ethyl)-piperidin-4-yl]-pyridin-2-yl-amine

(25) 5-(4-bromo-phenyl)-2-[4-(2-pyrrolidin-1-yl-ethoxy)-phenylethynyl]-pyridine

(26) 5-(2,4-dichloro-phenyl)-2-[4-(4-pyrrolidin-1-ylmethyl-phenyl)-but-1-ynyl]-pyridine

(27) 5-(4-chloro-phenyl)-2-[4-(2-pyrrolidin-1-yl-ethoxy)-phenylethynyl]-pyridine

(28) 5-(4-chloro-phenyl)-2-{4-[2-(2-methyl-pyrrolidin-1-yl)-ethoxy]-phenylethynyl}-pyridine

(29) 5-(4-chloro-phenyl)-2-{4-[4-(4-pyrrolidin-1-yl-piperidin-1-ylmethyl)-phenyl]-but-1-ynyl}-pyridine

(30) 5-(4-methoxy-phenyl)-2-[4-(4-pyrrolidin-1-ylmethyl-phenyl)-but-1-ynyl]-pyridine

(31) 5-(3,4-difluoro-phenyl)-2-[4-(4-pyrrolidin-1-ylmethyl-phenyl)-but-1-ynyl]-pyridine

(32) 5-(4-chloro-phenyl)-2-{4-[4-((R)-2-methoxymethyl-pyrrolidin-1-ylmethyl)-phenyl]-but-1-ynyl}-pyridine

(33) {5-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-pyridin-2-yl}-(2-pyrrolidin-1-yl-ethyl)-amine

(34) (R)-1-(2-{4-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-2-methyl-phenoxy}-ethyl)-pyrrolidin-3-ol

(35) 5-(4-chloro-phenyl)-2-[3-ethynyl-4-(2-pyrrolidin-1-yl-ethoxy)-phenylethynyl]-pyridine

(36) 5-(3,4-dichloro-phenyl)-2-[4-(4-pyrrolidin-1-ylmethyl-phenyl)-but-1-ynyl]-pyridine

(37) 5-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-2-(2-pyrrolidin-1-yl-ethoxy)-benzaldehyde-oxime

(38) [1-(2-{4-[5-(4-chloro-phenyl)-pyridin-2-ylethynyl]-2-methyl-phenoxy}-ethyl)-pyrrolidin-3-yl]-dimethyl-amine

(39) 5-(4-chloro-phenyl)-2-[3-fluoro-4-(2-pyrrolidin-1-yl-ethoxy)-phenylethynyl]-

pyridine

(40) 5-(4-chloro-phenyl)-2-[4-(3-piperidin-1-yl-pyrrolidin-1-yl)-phenylethynyl]-pyridine

(41) 5-(4-chloro-phenyl)-2-[4-(3-pyrrolidin-1-yl-propyl)-phenylethynyl]-pyridine

including a tautomer, a diastereomer, an enantiomer, a mixture thereof or a salt thereof.

Claim 30 (New) An alkyne compound according to claim 22, which is in a physiologically acceptable salt form.

Claim 31 (New) A composition comprising at least one alkyne compound according to claim 22, together with one or more inert carriers and/or diluents.

Claim 32 (New) A method for influencing the eating behavior of a mammal comprising administering thereto one or more alkyne compounds according to claim 22.

Claim 33 (New) A method for reducing the body weight and/or for preventing an increase in the body weight of a mammal comprising administering thereto one or more alkyne compounds according to claim 22.

Claim 34 (New) A method for modulating MCH activity in a mammal comprising administering thereto one or more alkyne compounds according to claim 22.

Claim 35 (New) A method for treating a urinary problem selected from urinary incontinence, overactive bladder, urgency, nycturia and enuresis, in a mammal comprising administering thereto one or more alkyne compounds according to claim 22.

Claim 36 (New) An alkyne compound of claim 26, wherein R^4 is -H, methyl, ethyl or propyl, and R^{10} is -OH, N-pyrrolidinyl, amino-ethoxy, C_{1-4}-alkyl-amino-ethoxy, or di-(C_{1-4}-alkyl)-amino-ethoxy.